

# PINNACLE

## Stacked Tank Water Refiner

### Activated Carbon

Removes free chlorine and most other volatile organic chemicals from the water.

### KDF55 (Redox)

Removes chlorine as well as inorganic compounds such as heavy metals (i.e., lead, mercury, arsenic, etc.) Also reduces bacterial growth within filter media. (Listed with the U.S. EPA as a bacteriostatic device. U.S. EPA 3 54369-OH-001)

### Garnet

Finer filtering next to media base prevents other media from packing around distributor, maximizing flow rates. Also aids in even distribution of water, preventing channeling.

### Cation Resin

Removes calcium, magnesium, iron and other hard-water minerals. We use specially formulated high-performance resin which regenerates well with either potassium or sodium chloride.

### Washed Quartz

Provides solid base for media to rest on, preventing channeling of media and maximizing flow rates.



# *The Pinnacle Stacked Tank*

## *Water Refining System*

### **Features & Benefits**

#### **Exclusive Stacked Tank Design**

- Offers maximum performance by separating the filtering media in the upper tank, such as Activated Carbon and KDF55, from the softening resin in the lower tank. This insures the water will be chemical free before going through the softening resin below, thereby protecting it from premature degradation.
- Easier to replace activated carbon in the future.

#### **Microprocessor Controlled Demand Regeneration**

- Accurately recharges only when necessary, saving money on salt and water wasted on unnecessary regenerations.
- Insures you will not run out of refined water when you least expect it.

#### **State of the art true full 1” Up-flow Brining Control System**

- Saves up to 65% more salt and water than conventional down-flow systems.
- Reduces slimy feeling by up to 60%.
- Reduces excess wear and tear on resin bed because of overworking system.

#### **Microprocessor Controlled Brining Feature**

- Recharges only the amount resin needed to achieve maximum efficiency.

#### **Dry Brine Storage Feature**

- Reduces bridging and caking of salt.

### **Warranties**

- Resin, Mineral and Brine Tanks, Valve Body – **Lifetime Warranty**
- Other Filtering Media – **3 Year Warranty**
- All other parts – **5 Year Warranty**
- Labor against defects in workmanship – **1 year full guarantee**
- Installation – **2 year full guarantee on labor and materials.**

### **Models, Sizes and Specifications**

<b>Grain Capacity</b>	<b>Dimensions Resin – Brine</b>	<b>Flow G.P.M</b>	<b>Salt Efficiency Grains per lb.</b>	<b>Water Used Per Recharge</b>
<b>40,000</b>	<b>10 X 67 18 X 33</b>	<b>14 - 23</b>	<b>5 lbs – 5090</b>	<b>27 gallons</b>

Formula for calculating capacity of water conditioner for home use

Number of people X 80 gal per day X grains of hardness per gal.=Total grains hardness to needed be removed per day.

Total grains of hardness to be removed per day X 5 = Minimum capacity size.